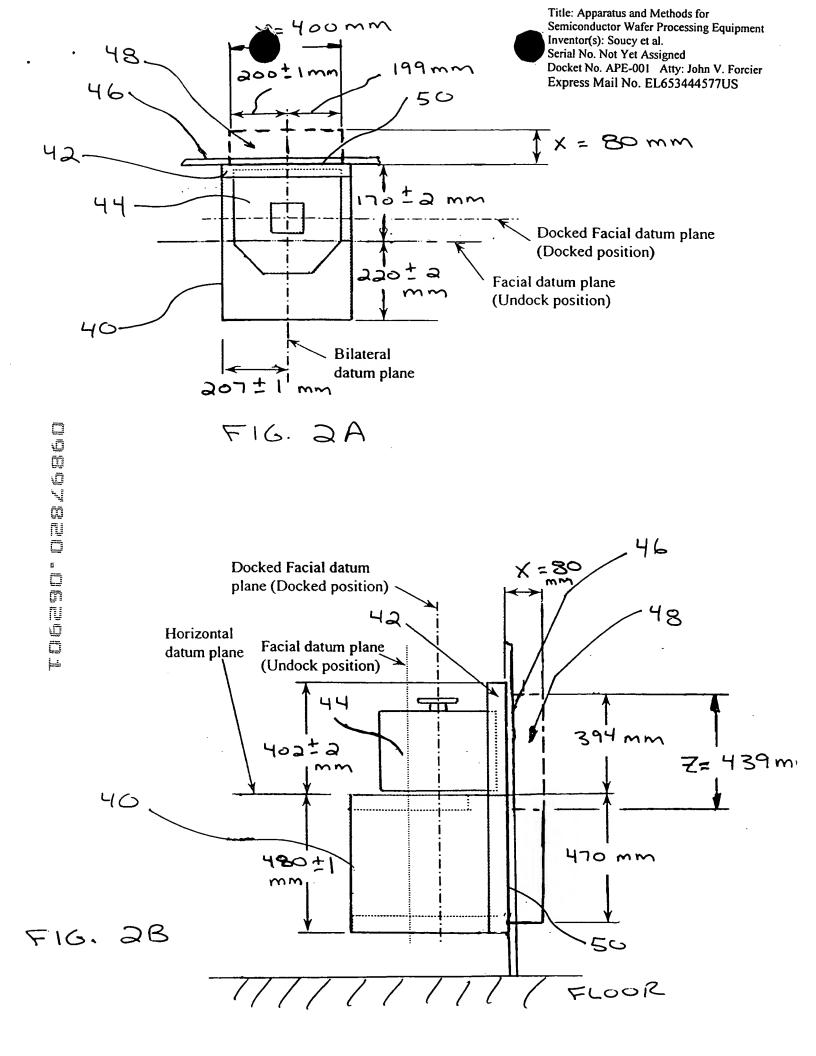
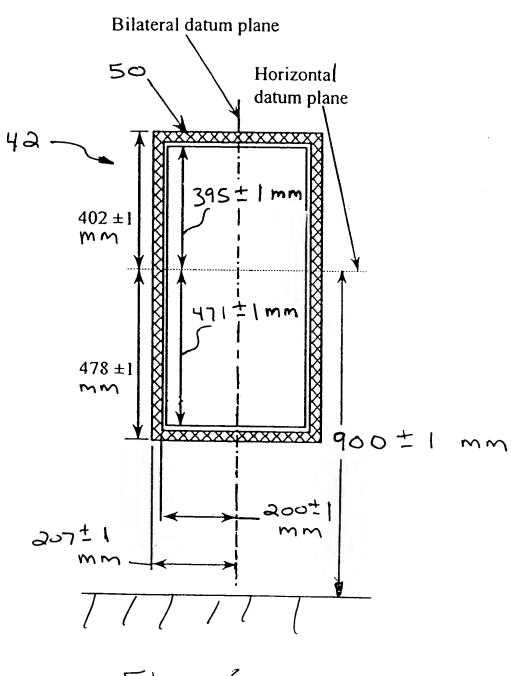


FIG. 1C (PRIOR ART)

FIG. ID (PRIOR ART)



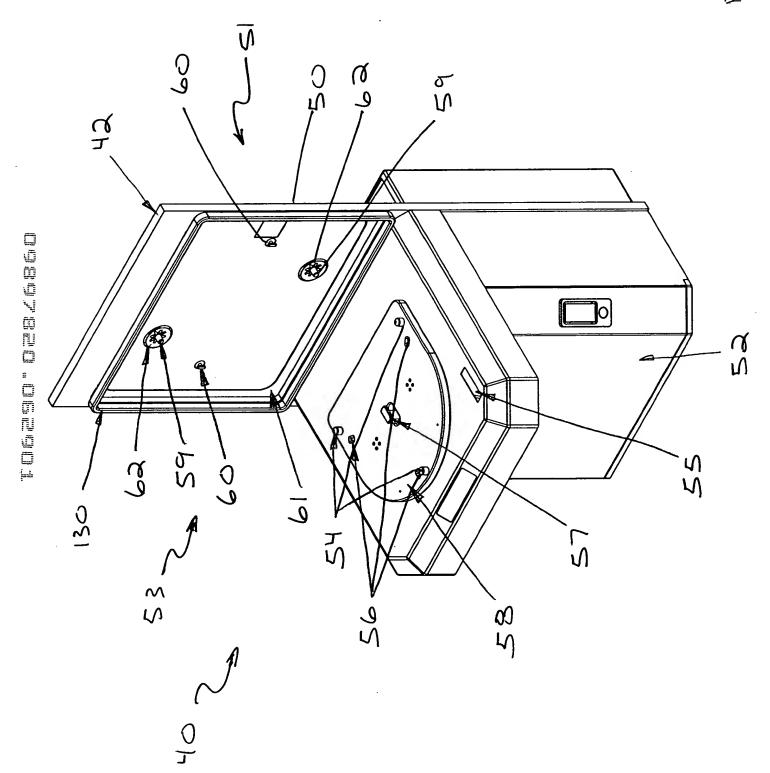




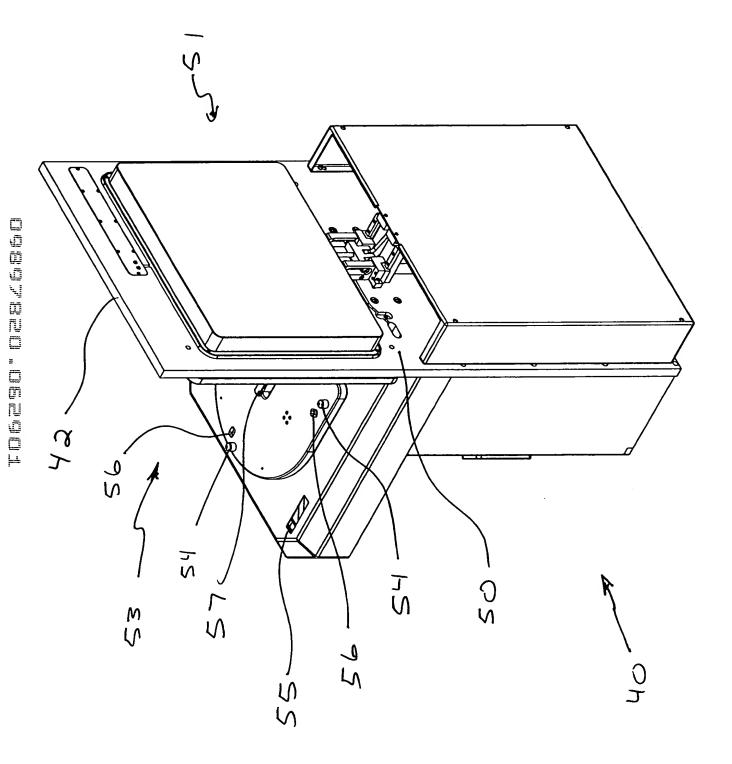
FLOOR

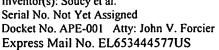
F16. 20

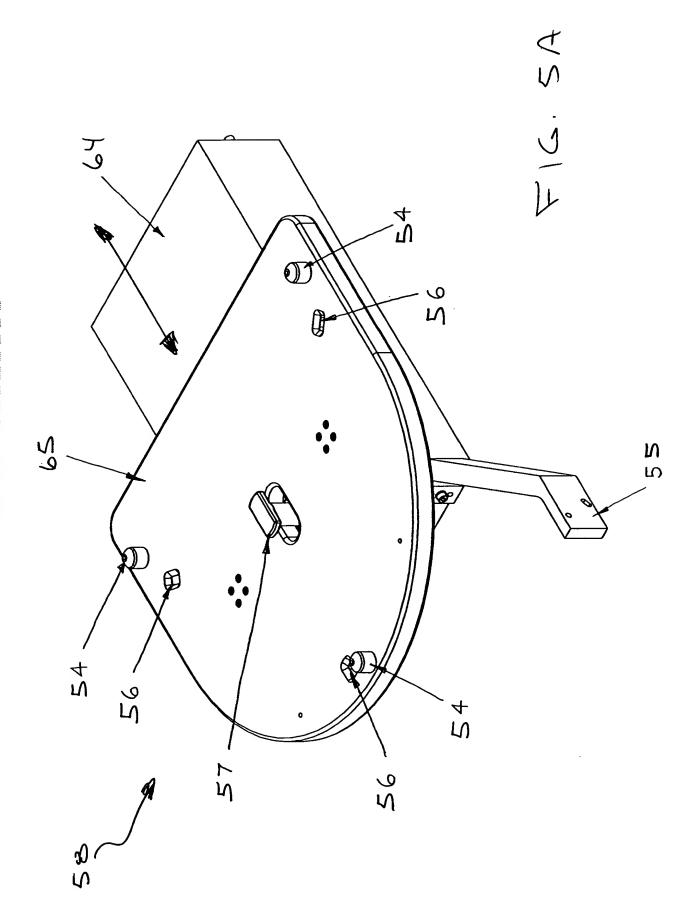
71G. 3



F16. 4

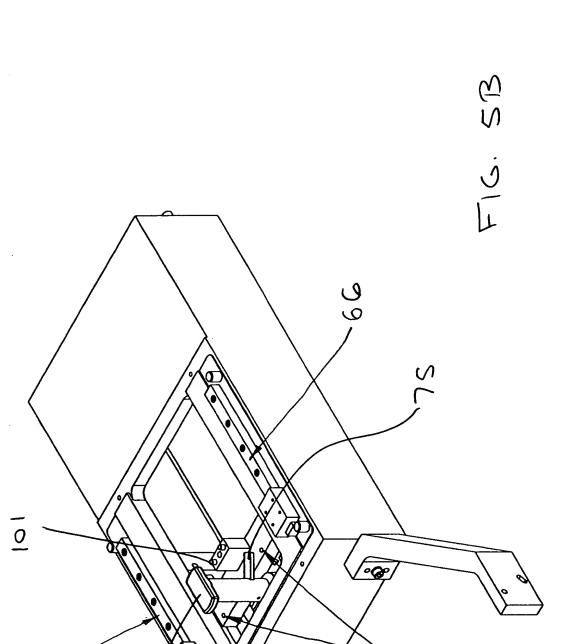


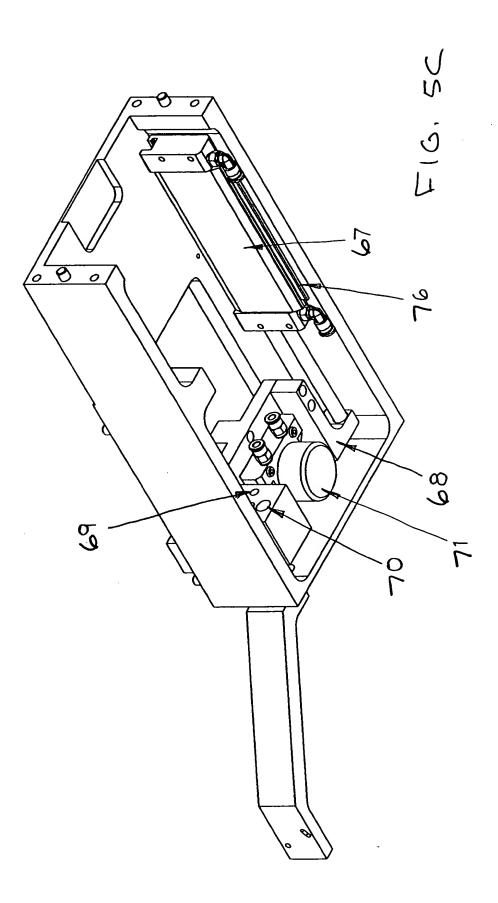


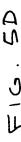


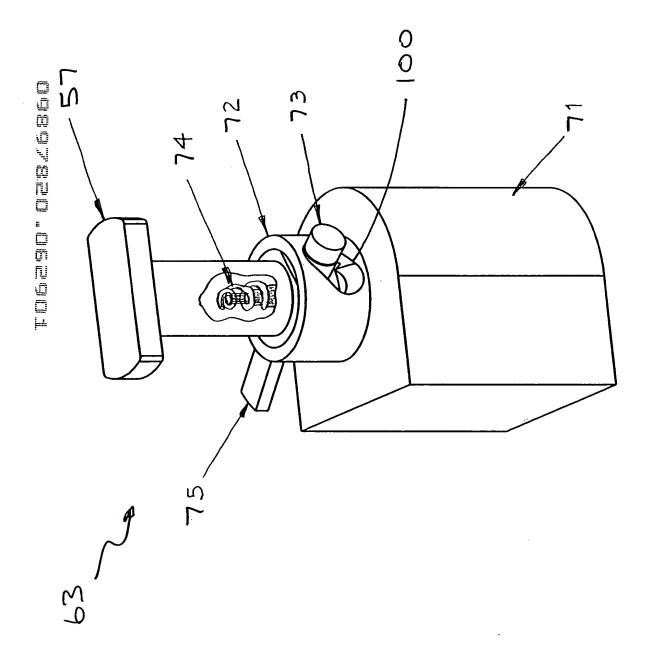
<u>ဖ</u>

Title: Apparatus and Methods for Semiconductor Wafer Processing Equipment Inventor(s): Soucy et al. Serial No. Not Yet Assigned Docket No. APE-001 Atty: John V. Forcier Express Mail No. EL653444577US



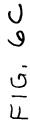


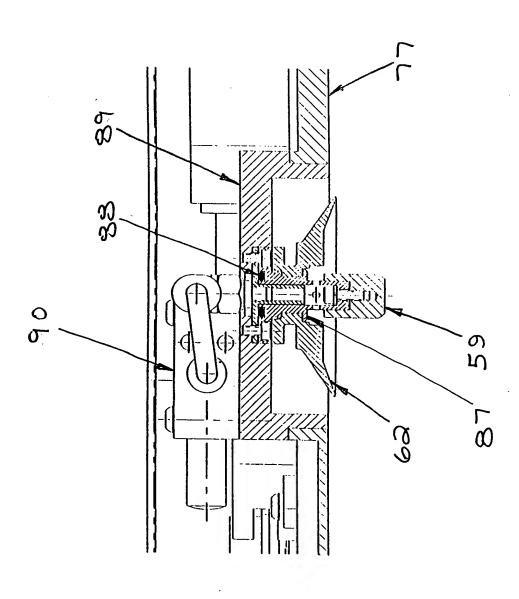


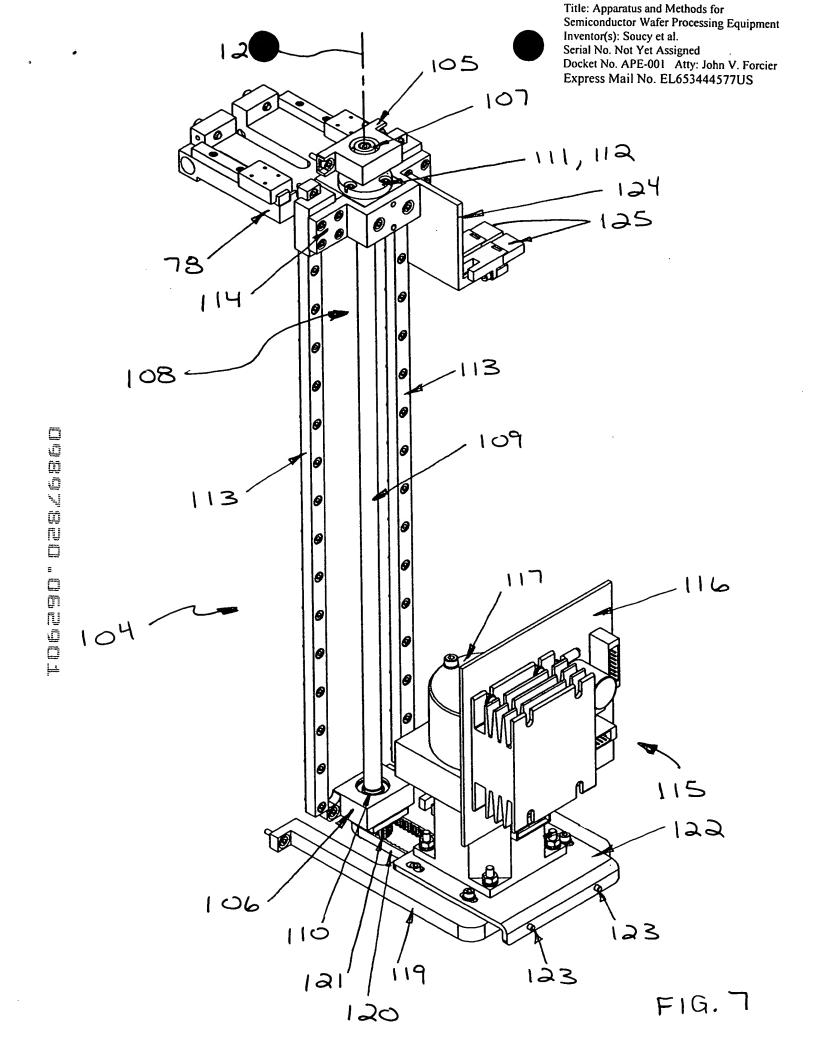


Title: Apparatus and Methods for Semiconductor Wafer Processing Equipment Inventor(s): Soucy et al.
Serial No. Not Yet Assigned
Docket No. APE-001 Atty: John V. Forcier Express Mail No. EL653444577US 6C 62 59 60 COMMIND COMMIND H 60 60 62 <u>5</u>9 FIG. 6A

Title: Apparatus and Methods for Semiconductor Wafer Processing Equipment Inventor( ucy et al. Serial No. APE-001 Atty: John V. Forcier Express Mail No. EL653444577US 3 TOGREO" DREKEBGO 8 C FIG. bB 







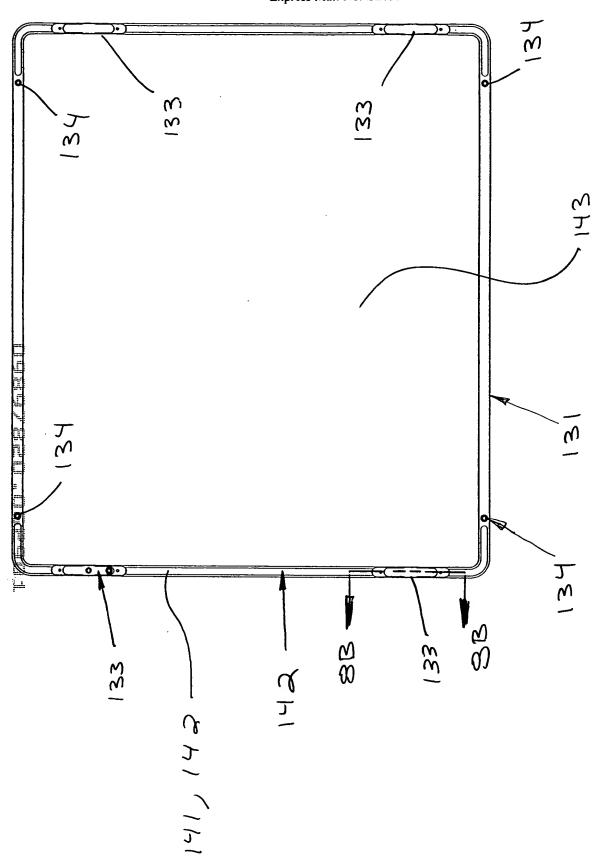
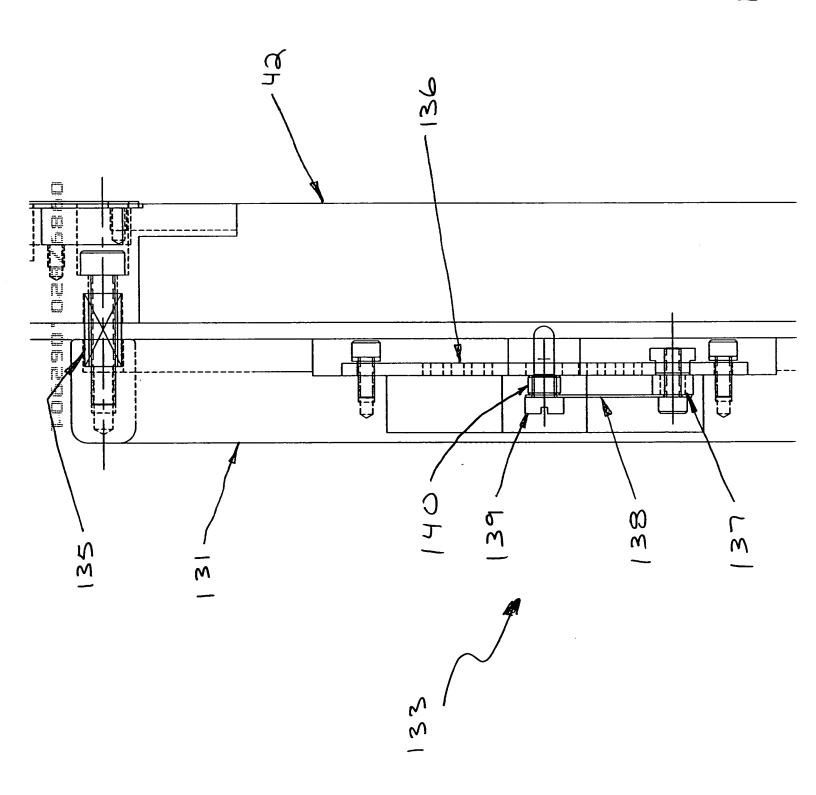
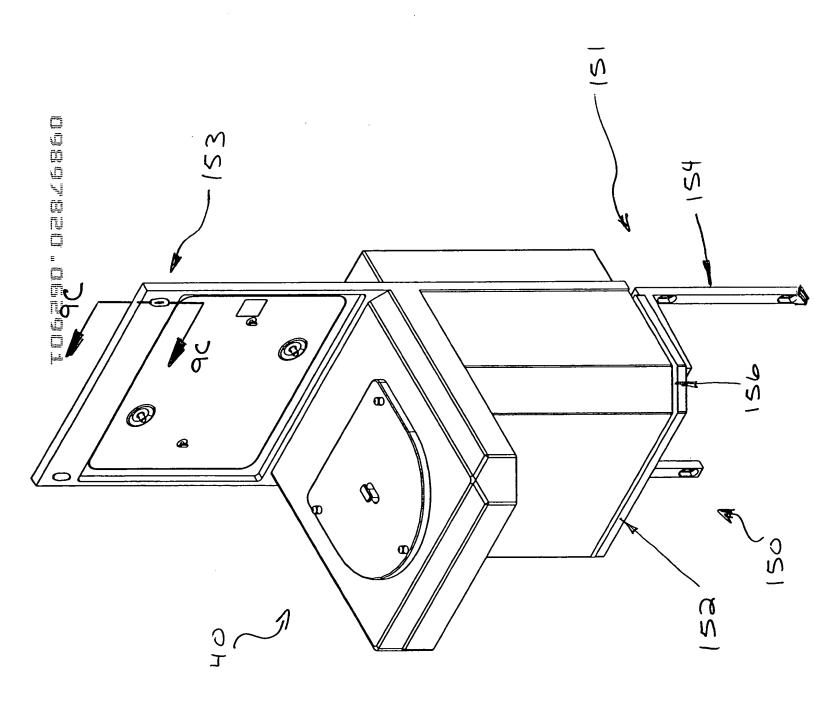


FIG. SA

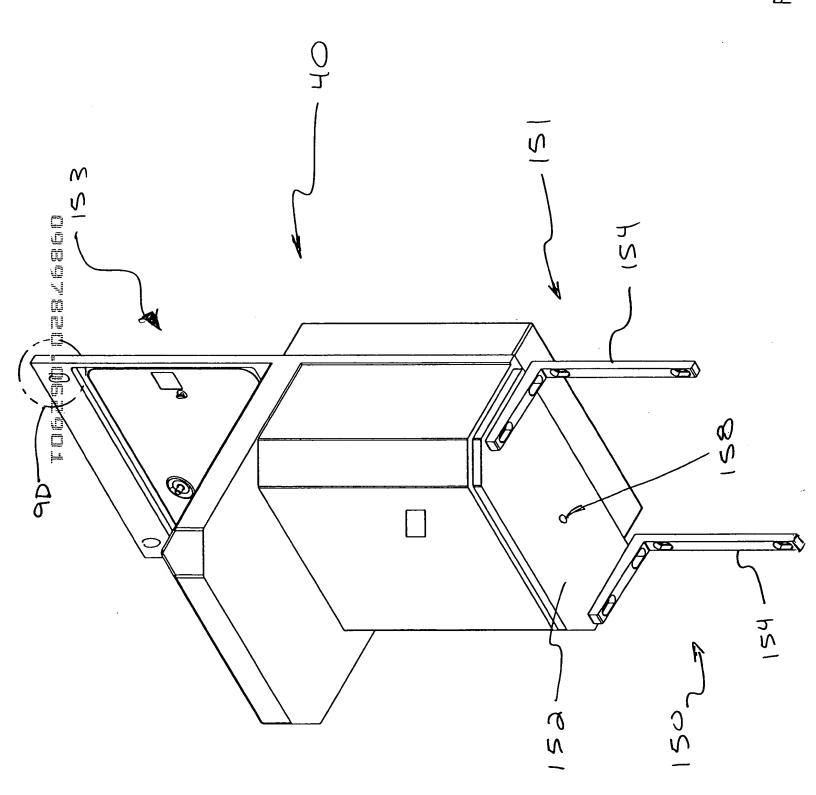
16.8R

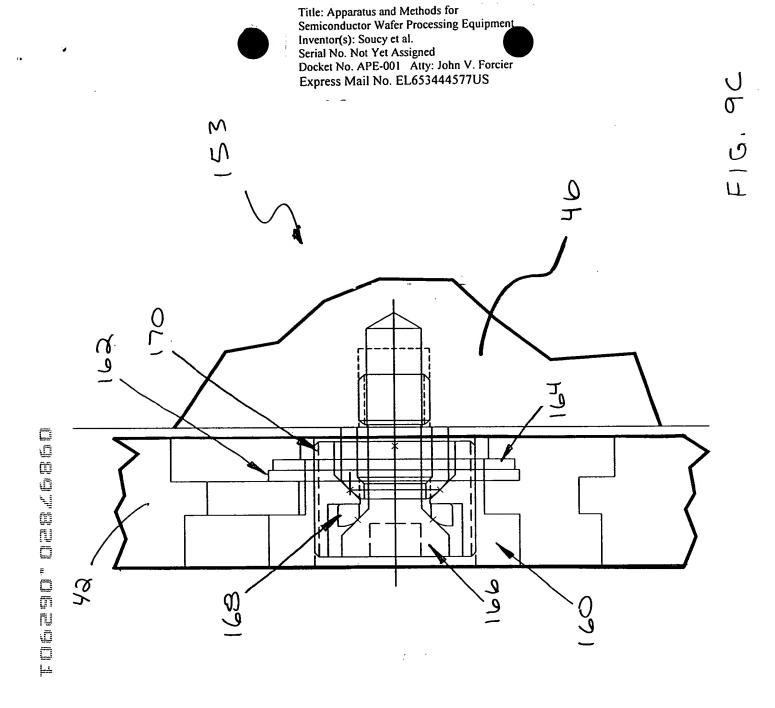


F1G, 9A

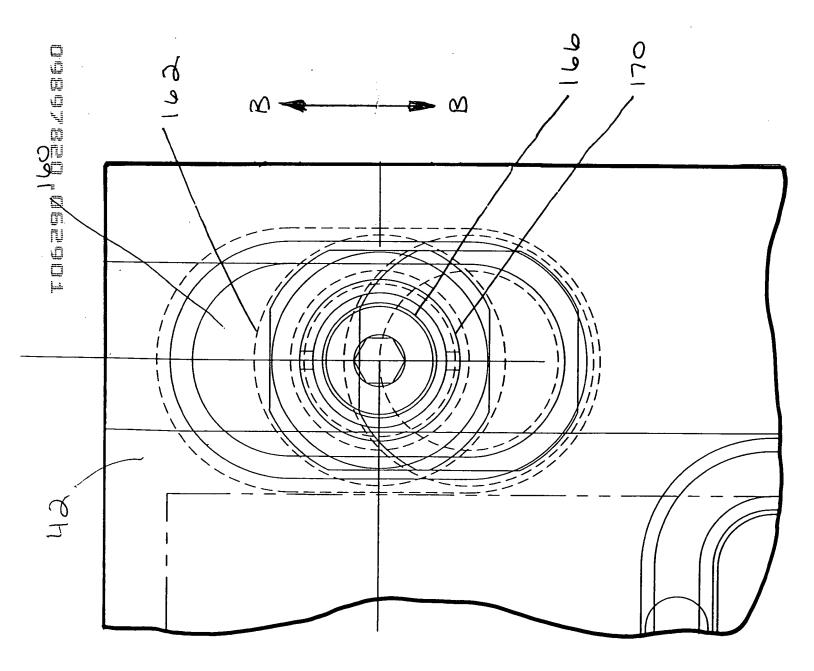


11G. 9B





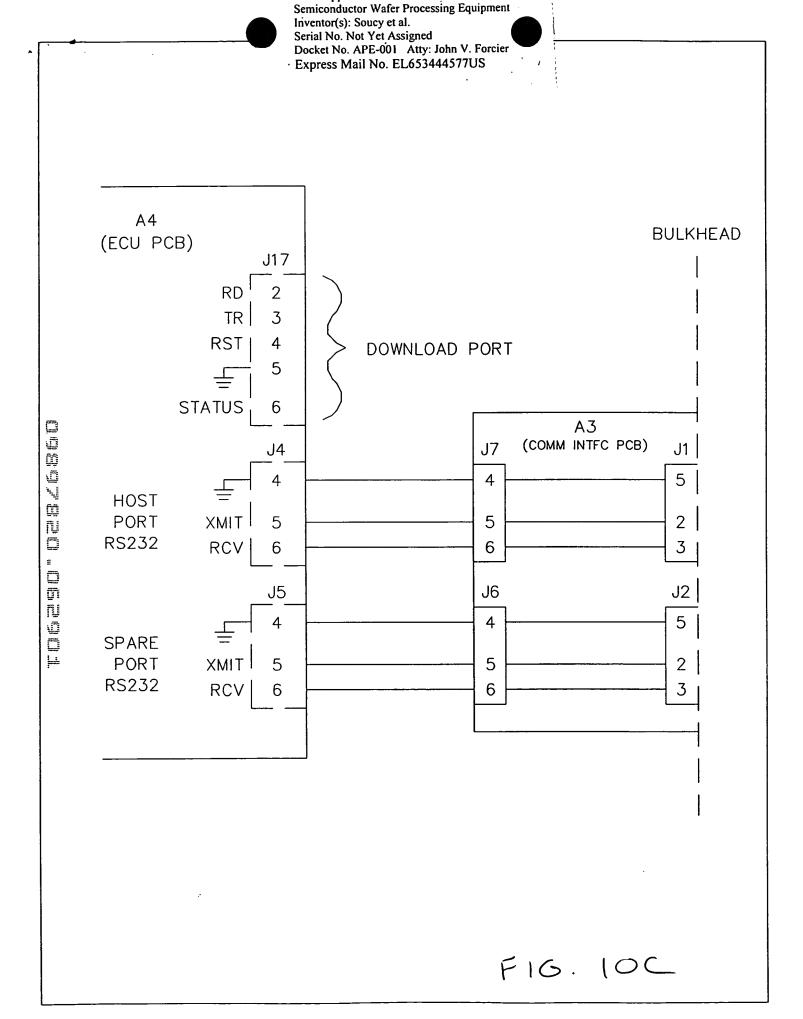
TIC. 90



Title: Apparatus and Methods for

Semiconductor Wafer Processing Equipment

Title: Apparatus and Methods for Semiconductor Wafer Processing Equipment Inventor(s): Soucy et al. Serial No. Not Yet Assigned Docket No. APE-001 Atty: John V. Forcier Express Mail No. EL653444577US **BULKHEAD** A2 Sh (DC PWR SUPPLY) +24 J3 SK4 SK3 **A4** J1 Α1 (ECU PCB MODULE) (PWR ENTRY MODULE) L +24 5 AC 3 2 RTN RTN2 110 VAC 3 G 3 G 4 E1 FIG. LOB



Title: Apparatus and Methods for

Semiconductor Wafer Processing Equipment ventor(s): Soucy et al. rial No. Not Yet Assigned Docket No. APE-001 . Atty: John V. Forcier Α5 Express Mail No. EL653444577US (PNEUMATIC INTERFACE) x = 24 VES PNEUMATIC DIST POD PLATE OUT -14--12-**A4** -12-POD PLATE IN 20 (ECU PCB) -14--14-POD LATCH -12--m PE3-7 POD UNLATCH -12-PE6-0 ⇒ FIMS IN -14-PE6-1 -12-⇒ FIMS OUT PE6-2 KEY LATCH -12--ML PE6-3 -12-⇒ KEY UNLATCH -14--000-SPARE -i4-> VACUUM MAIN AIR SOLENOID ⇒ AIR OUT Ó īŪ B AIR SUPPLY IN £ MAIN AIR SUPPLY SENSE AIR SUPPLY IN m 3 NC NC 2 N.O. ΠŪ ũ VACUUM SENSE SWITCH ₩ VACUUM 7 NC NC 2 N.O. BULKHEAD A3 (COMM INTEC) ON BOARD E-STOP (EXTERNAL E-STOP) 6 3 7 24 VES ( FIG. (OD)

Title: Apparatus and Methods for

